

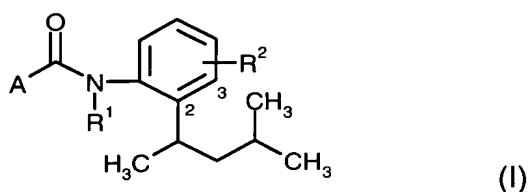
## AMENDMENTS TO THE CLAIMS:

Please change the heading at page 63, line 1, from "Patent claims" to  
--WHAT IS CLAIMED IS:--

The following listing of claims will replace all prior versions of claims in the application.

Claims 1-10 (canceled)

-- Claim 11 (new): A 1,3-dimethylbutylcarboxanilide of formula (I)



in which

R<sup>1</sup> represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulphinyl, C<sub>1</sub>-C<sub>6</sub>-alkylsulphonyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylsulphonyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl-C<sub>1</sub>-C<sub>3</sub>-alkyl, (C<sub>1</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl, or (C<sub>1</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl; represents halo-(C<sub>1</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl or halo-(C<sub>1</sub>-C<sub>3</sub>-alkoxy)-carbonyl-C<sub>1</sub>-C<sub>3</sub>-alkyl having in each case 1 to 13 fluorine, chlorine and/or bromine atoms; represents (C<sub>1</sub>-C<sub>8</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>8</sub>-alkoxy)carbonyl, (C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, or (C<sub>3</sub>-C<sub>8</sub>-cycloalkyl)carbonyl; represents (C<sub>1</sub>-C<sub>6</sub>-haloalkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-haloalkoxy)carbonyl, (halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, or (C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -C(=O)C(=O)R<sup>3</sup>, -CONR<sup>4</sup>R<sup>5</sup>, or -CH<sub>2</sub>NR<sup>6</sup>R<sup>7</sup>,

R<sup>2</sup> represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,

R<sup>3</sup> represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>1</sub>-C<sub>6</sub>-haloalkoxy, halo-C<sub>1</sub>-C<sub>4</sub>-

alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

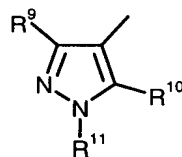
R<sup>4</sup> and R<sup>5</sup> independently of one another each represent hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represent C<sub>1</sub>-C<sub>8</sub>-haloalkyl, halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R<sup>4</sup> and R<sup>5</sup> together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C<sub>1</sub>-C<sub>4</sub>-alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR<sup>8</sup>,

R<sup>6</sup> and R<sup>7</sup> independently of one another represent hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; or represent C<sub>1</sub>-C<sub>8</sub>-haloalkyl or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R<sup>6</sup> and R<sup>7</sup> together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C<sub>1</sub>-C<sub>4</sub>-alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR<sup>8</sup>,

R<sup>8</sup> represents hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl, and

A represents

(1) a radical of formula (A1)



(A1),

in which

R<sup>9</sup> represents hydrogen, hydroxyl, formyl, cyano, fluorine, chlorine, bromine, nitro, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, or C<sub>3</sub>-C<sub>6</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkoxy,

or C<sub>1</sub>-C<sub>4</sub>-haloalkylthio having in each case 1 to 5 halogen atoms;  
 or represents aminocarbonyl or aminocarbonyl-C<sub>1</sub>-C<sub>4</sub>-alkyl,  
 R<sup>10</sup> represents hydrogen, chlorine, bromine, iodine, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, C<sub>1</sub>-C<sub>4</sub>-alkylthio, or C<sub>1</sub>-C<sub>4</sub>-haloalkyl having 1 to 5 halogen atoms, and  
 R<sup>11</sup> represents hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, hydroxyl-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylthio-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl; or represents C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio-C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>1</sub>-C<sub>4</sub>-haloalkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl having in each case 1 to 5 halogen atoms; or represents phenyl,

with the provisos that

- (a) R<sup>9</sup> does not represent trifluoromethyl, difluoromethyl, methyl, or ethyl if R<sup>10</sup> represents hydrogen or chlorine, R<sup>11</sup> represents methyl, and R<sup>1</sup> and R<sup>2</sup> simultaneously represent hydrogen, and
- (b) R<sup>9</sup> does not represent methyl, difluorochloromethyl, trifluoromethyl, difluoromethyl, chlorine or bromine if R<sup>10</sup> represents hydrogen, fluorine, trifluoromethyl, or methyl, R<sup>11</sup> represents methyl, trifluoromethyl, methoxymethyl or trifluoromethoxymethyl, and R<sup>1</sup> represents (C<sub>1</sub>-C<sub>6</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-alkoxy)carbonyl, or (C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, or (C<sub>1</sub>-C<sub>6</sub>-haloalkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-haloalkoxy)carbonyl, (halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

or

- (2) a radical of formula (A2)



(A2),

in which

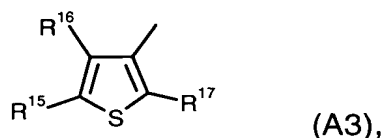
R<sup>12</sup> and R<sup>13</sup> independently of one another represent hydrogen, halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>1</sub>-C<sub>4</sub>-haloalkyl having in each case 1 to 5 halogen atoms, and

$R^{14}$  represents halogen, cyano or  $C_1$ - $C_4$ -alkyl; or represents  $C_1$ - $C_4$ -haloalkyl or  $C_1$ - $C_4$ -haloalkoxy having in each case 1 to 5 halogen atoms,

with the proviso that  $R^{14}$  does not represent methyl if  $R^{12}$  and  $R^{13}$  represent hydrogen or methyl and  $R^1$  and  $R^2$  simultaneously represent hydrogen,

or

(3) a radical of formula (A3)



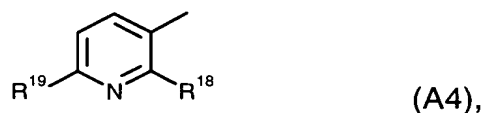
in which

$R^{15}$  and  $R^{16}$  independently of one another represent hydrogen, halogen,  $C_1$ - $C_4$ -alkyl, or  $C_1$ - $C_4$ -haloalkyl having 1 to 5 halogen atoms, and

$R^{17}$  represents hydrogen,  $C_1$ - $C_4$ -alkyl, or  $C_1$ - $C_4$ -haloalkyl having 1 to 5 halogen atoms,

or

(4) a radical of formula (A4)



in which

$R^{18}$  represents halogen, hydroxyl, cyano,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy, or  $C_1$ - $C_4$ -alkylthio; or represents  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkylthio, or  $C_1$ - $C_4$ -haloalkoxy having in each case 1 to 5 halogen atoms, and

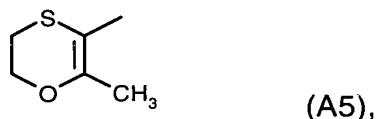
$R^{19}$  represents hydrogen, halogen, cyano,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy, or  $C_1$ - $C_4$ -alkylthio; represents  $C_1$ - $C_4$ -haloalkyl or  $C_1$ - $C_4$ -haloalkoxy having in each case 1 to 5 halogen atoms; or represents  $C_1$ - $C_4$ -alkylsulphinyl or  $C_1$ - $C_4$ -alkylsulphonyl,

with the provisos that

- (a)  $R^{18}$  does not represent trifluoromethyl, methyl, chlorine, or methylthio if  $R^{19}$  represents hydrogen and  $R^1$  and  $R^2$  simultaneously represent hydrogen, and
- (b)  $R^{18}$  does not represent methyl, difluorochloromethyl, trifluoromethyl, difluoromethyl, chlorine, or bromine if  $R^{19}$  represents hydrogen and  $R^1$  represents (C<sub>1</sub>-C<sub>6</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-alkoxy)carbonyl, or (C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, or (C<sub>1</sub>-C<sub>6</sub>-haloalkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-haloalkoxy)carbonyl, or (halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

or

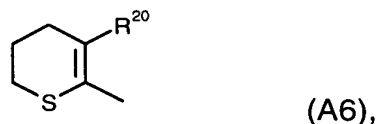
- (5) a radical of formula (A5)



with the proviso that  $R^1$  and  $R^2$  do not simultaneously represent hydrogen if A represents a radical of formula (A5),

or

- (6) a radical of formula (A6)



in which  $R^{20}$  represents C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>1</sub>-C<sub>4</sub>-haloalkyl having 1 to 5 halogen atoms,

or

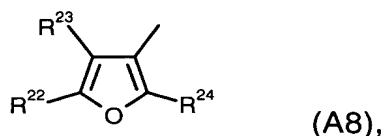
- (7) a radical of formula (A7)



in which  $R^{21}$  represents C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-haloalkyl having 1 to 5 halogen atoms,

or

- (8) a radical of formula (A8)



in which

$R^{22}$  and  $R^{23}$  independently of one another represent hydrogen,

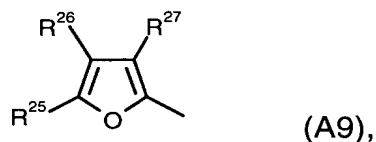
halogen, amino,  $C_1$ - $C_4$ -alkyl, or  $C_1$ - $C_4$ -haloalkyl having 1 to 5 halogen atoms, and

$R^{24}$  represents hydrogen,  $C_1$ - $C_4$ -alkyl, or  $C_1$ - $C_4$ -haloalkyl having 1 to 5 halogen atoms,

with the proviso that  $R^{24}$  does not represent methyl if  $R^{22}$  and  $R^{23}$  represent hydrogen or methyl and  $R^1$  and  $R^2$  simultaneously represent hydrogen,

or

- (9) a radical of formula (A9)



in which

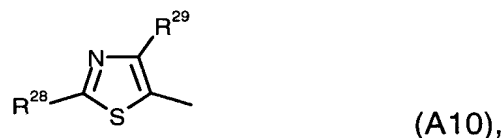
$R^{25}$  and  $R^{26}$  independently of one another represent hydrogen,

halogen, amino, nitro,  $C_1$ - $C_4$ -alkyl, or  $C_1$ - $C_4$ -haloalkyl having 1 to 5 halogen atoms, and

$R^{27}$  represents halogen,  $C_1$ - $C_4$ -alkyl, or  $C_1$ - $C_4$ -haloalkyl having 1 to 5 halogen atoms,

or

- (10) a radical of formula (A10)



in which

$R^{28}$  represents hydrogen, halogen, amino,  $C_1$ - $C_4$ -alkylamino, di- $(C_1$ - $C_4$ -alkyl)amino, cyano,  $C_1$ - $C_4$ -alkyl, or  $C_1$ - $C_4$ -haloalkyl having 1 to 5 halogen atoms, and

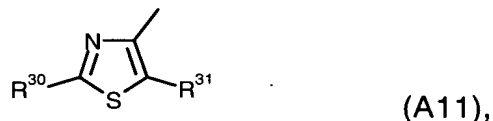
R<sup>29</sup> represents halogen, hydroxyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, or C<sub>3</sub>-C<sub>6</sub>-cycloalkyl; or represents C<sub>1</sub>-C<sub>4</sub>-haloalkyl or C<sub>1</sub>-C<sub>4</sub>-haloalkoxy having in each case 1 to 5 halogen atoms,

with the provisos that

- (a) R<sup>29</sup> does not represent trifluoromethyl, difluoromethyl, methyl, or ethyl if R<sup>28</sup> represents hydrogen or methyl and R<sup>1</sup> and R<sup>2</sup> simultaneously represent hydrogen, and
- (b) R<sup>29</sup> does not represent methyl, difluorochloromethyl, trifluoromethyl, difluoromethyl, chlorine, or bromine if R<sup>28</sup> represents methyl, trifluoromethyl, methoxymethyl or trifluoromethoxymethyl and R<sup>1</sup> represents (C<sub>1</sub>-C<sub>6</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-alkoxy)carbonyl, or (C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, or (C<sub>1</sub>-C<sub>6</sub>-haloalkyl)-carbonyl, (C<sub>1</sub>-C<sub>6</sub>-haloalkoxy)carbonyl, or (halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

or

- (11) a radical of formula (A11)



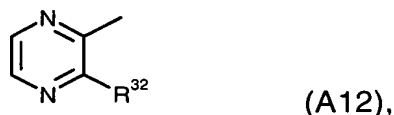
in which

R<sup>30</sup> represents hydrogen, halogen, amino, C<sub>1</sub>-C<sub>4</sub>-alkylamino, di-(C<sub>1</sub>-C<sub>4</sub>-alkyl)amino, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>1</sub>-C<sub>4</sub>-haloalkyl having 1 to 5 halogen atoms, and

R<sup>31</sup> represents halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>1</sub>-C<sub>4</sub>-haloalkyl having 1 to 5 halogen atoms,

or

- (12) a radical of formula (A12)

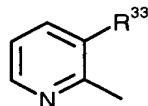


in which R<sup>32</sup> represents hydrogen, halogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, or C<sub>1</sub>-C<sub>4</sub>-haloalkyl having 1 to 5 halogen atoms,

with the proviso that  $R^{32}$  does not represent chlorine if  $R^1$  and  $R^2$  simultaneously represent hydrogen,

or

(13) a radical of formula (A13)

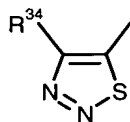


(A13),

in which  $R^{33}$  represents halogen, hydroxyl,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy, or  $C_1$ - $C_4$ -alkylthio; or represents  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkylthio, or  $C_1$ - $C_4$ -haloalkoxy having in each case 1 to 5 halogen atoms,

or

(14) a radical of formula (A14)



(A14),

in which  $R^{34}$  represents  $C_1$ - $C_4$ -alkyl.

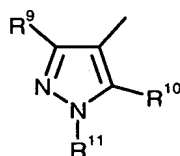
Claim 12 (new): A 1,3-dimethylbutylcarboxanilide of formula (I) according to Claim 11 in which

$R^1$  represents hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_4$ -alkylsulphinyl,  $C_1$ - $C_4$ -alkylsulphonyl,  $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_6$ -cycloalkyl; represents  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl, halo- $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_8$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl- $C_1$ - $C_3$ -alkyl, ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl, or ( $C_1$ - $C_3$ -alkoxy)carbonyl- $C_1$ - $C_3$ -alkyl; represents halo-( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or halo-( $C_1$ - $C_3$ -alkoxy)-carbonyl- $C_1$ - $C_3$ -alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents ( $C_1$ - $C_6$ -alkyl)carbonyl, ( $C_1$ - $C_4$ -alkoxy)carbonyl, ( $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl)carbonyl, or ( $C_3$ - $C_6$ -cycloalkyl)carbonyl; represents ( $C_1$ - $C_4$ -haloalkyl)carbonyl, ( $C_1$ - $C_4$ -haloalkoxy)carbonyl, (halo- $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl)carbonyl, or ( $C_3$ - $C_6$ -halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents  $-C(=O)C(=O)R^3$ ,  $-CONR^4R^5$ , or  $-CH_2NR^6R^7$ ,



- $R^2$  represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,
- $R^3$  represents hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_6$ -cycloalkyl; represents  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy, halo- $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_6$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,
- $R^4$  and  $R^5$  independently of one another represent hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_6$ -cycloalkyl; or represent  $C_1$ - $C_4$ -haloalkyl, halo- $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_6$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or  $R^4$  and  $R^5$  together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 or 6 ring atoms that is optionally mono- to tetrasubstituted by identical or different substituents selected from the group consisting of halogen and  $C_1$ - $C_4$ -alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $NR^8$ ,
- $R^6$  and  $R^7$  independently of one another represent hydrogen,  $C_1$ - $C_6$ -alkyl, or  $C_3$ - $C_6$ -cycloalkyl; or represent  $C_1$ - $C_4$ -haloalkyl or  $C_3$ - $C_6$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or  $R^6$  and  $R^7$  together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 or 6 ring atoms that is optionally mono- or poly-substituted by identical or different substituents selected from the group consisting of halogen and  $C_1$ - $C_4$ -alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $NR^8$ ,
- $R^8$  represents hydrogen or  $C_1$ - $C_4$ -alkyl, and
- A represents

- (1) a radical of formula (A1)



(A1),

in which

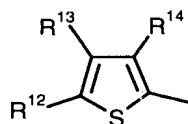
- $R^9$  represents hydrogen, hydroxyl, formyl, cyano, fluorine, chlorine, bromine, methyl, ethyl, isopropyl, methoxy, ethoxy, methylthio, ethylthio, or cyclopropyl; represents  $C_1$ - $C_2$ -haloalkyl or  $C_1$ - $C_2$ -haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms; or represents trifluoromethylthio, difluoromethylthio, aminocarbonyl, aminocarbonylmethyl, or aminocarbonylethyl,
- $R^{10}$  represents hydrogen, chlorine, bromine, iodine, methyl, ethyl, methoxy, ethoxy, methylthio, ethylthio, or  $C_1$ - $C_2$ -haloalkyl having 1 to 5 halogen atoms, and
- $R^{11}$  represents hydrogen, methyl, ethyl, n-propyl, isopropyl,  $C_1$ - $C_2$ -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, hydroxymethyl, hydroxyethyl, cyclopropyl, cyclopentyl, cyclohexyl, or phenyl,

with the provisos that

- (a)  $R^9$  does not represent trifluoromethyl, difluoromethyl, methyl, or ethyl if  $R^{10}$  represents hydrogen or chlorine,  $R^{11}$  represents methyl and  $R^1$  and  $R^2$  simultaneously represent hydrogen, and
- (b)  $R^9$  does not represent methyl, difluorochloromethyl, trifluoromethyl, difluoromethyl, chlorine, or bromine if  $R^{10}$  represents hydrogen, fluorine, trifluoromethyl, or methyl,  $R^{11}$  represents methyl, trifluoromethyl, methoxymethyl, or trifluoromethoxymethyl, and  $R^1$  represents ( $C_1$ - $C_6$ -alkyl)carbonyl, ( $C_1$ - $C_6$ -alkoxy)carbonyl, or ( $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl)carbonyl, or ( $C_1$ - $C_6$ -haloalkyl)carbonyl, ( $C_1$ - $C_6$ -haloalkoxy)carbonyl, or (halo- $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

or

- (2) a radical of formula (A2)



(A2),

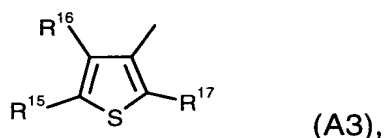
in which

$R^{12}$  and  $R^{13}$  independently of one another represent hydrogen, fluorine, chlorine, bromine, methyl, ethyl, or  $C_1$ - $C_2$ -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and

$R^{14}$  represents fluorine, chlorine, bromine, iodine, cyano, methyl, or ethyl; or represents  $C_1$ - $C_2$ -haloalkyl or  $C_1$ - $C_2$ -haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms, with the proviso that  $R^{14}$  does not represent methyl if  $R^{12}$  and  $R^{13}$  represent hydrogen or methyl and  $R^1$  and  $R^2$  simultaneously represent hydrogen,

or

(3) a radical of formula (A3)



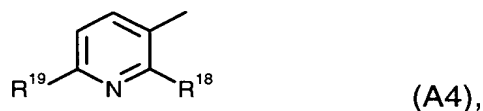
in which

$R^{15}$  and  $R^{16}$  independently of one another represent hydrogen, fluorine, chlorine, bromine, methyl, ethyl, or  $C_1$ - $C_2$ -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and

$R^{17}$  represents hydrogen, methyl, ethyl, or  $C_1$ - $C_2$ -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

(4) a radical of formula (A4)



in which

$R^{18}$  represents fluorine, chlorine, bromine, iodine, hydroxyl, cyano,  $C_1$ - $C_4$ -alkyl, methoxy, ethoxy, methylthio, ethylthio, difluoromethylthio, or trifluoromethylthio; or represents  $C_1$ - $C_2$ -haloalkyl or  $C_1$ - $C_2$ -haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms, and

$R^{19}$  represents hydrogen, fluorine, chlorine, bromine, iodine, cyano,  $C_1$ - $C_4$ -alkyl, methoxy, ethoxy, methylthio, or ethylthio; represents  $C_1$ - $C_2$ -haloalkyl or  $C_1$ - $C_2$ -haloalkoxy having in each case 1 to 5

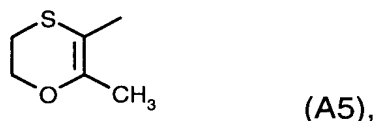
fluorine, chlorine, and/or bromine atoms; or represents C<sub>1</sub>-C<sub>2</sub>-alkylsulphinyl or C<sub>1</sub>-C<sub>2</sub>-alkylsulphonyl,

with the provisos that

- (a) R<sup>18</sup> does not represent trifluoromethyl, methyl, chlorine, or methylthio if R<sup>19</sup> represents hydrogen, and
- (b) R<sup>18</sup> does not represent methyl, difluorochloromethyl, trifluoromethyl, difluoromethyl, chlorine, or bromine if R<sup>19</sup> represents hydrogen and R<sup>1</sup> represents (C<sub>1</sub>-C<sub>6</sub>-alkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-alkoxy)carbonyl, or (C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl, or (C<sub>1</sub>-C<sub>6</sub>-haloalkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-haloalkoxy)carbonyl, or (halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

or

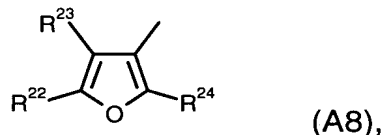
- (5) a radical of formula (A5)



with the proviso that R<sup>1</sup> and R<sup>2</sup> do not simultaneously represent hydrogen if A represents a radical of formula (A5),

or

- (6) a radical of formula (A8)

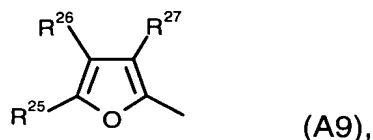


in which

R<sup>22</sup> and R<sup>23</sup> independently of one another represent hydrogen, fluorine, chlorine, bromine, amino, methyl, ethyl, or C<sub>1</sub>-C<sub>2</sub>-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and R<sup>24</sup> represents hydrogen, methyl, ethyl, or C<sub>1</sub>-C<sub>2</sub>-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

- (7) a radical of formula (A9)

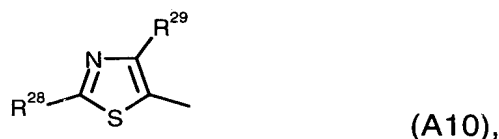


in which

$R^{25}$  and  $R^{26}$  independently of one another represent hydrogen, fluorine, chlorine, bromine, amino, nitro, methyl, ethyl, or  $C_1$ - $C_2$ -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and  $R^{27}$  represents fluorine, chlorine, bromine, methyl, ethyl, or  $C_1$ - $C_2$ -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

- (8) a radical of formula (A10)



in which

$R^{28}$  represents hydrogen, fluorine, chlorine, bromine, amino,  $C_1$ - $C_4$ -alkylamino, di- $(C_1$ - $C_4$ -alkyl)amino, cyano, methyl, ethyl, or  $C_1$ - $C_2$ -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and

$R^{29}$  represents fluorine, chlorine, bromine, hydroxyl, methyl, ethyl, methoxy, ethoxy, or cyclopropyl; or represents  $C_1$ - $C_2$ -haloalkyl or  $C_1$ - $C_2$ -haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms,

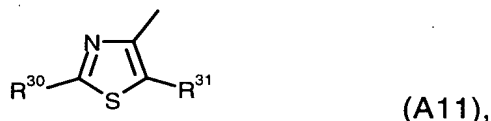
with the provisos that

- (a)  $R^{29}$  does not represent trifluoromethyl, difluoromethyl, methyl, or ethyl if  $R^{28}$  represents hydrogen or methyl and  $R^1$  and  $R^2$  simultaneously represent hydrogen, and
- (b)  $R^{29}$  does not represent methyl, difluorochloromethyl, trifluoromethyl, difluoromethyl, chlorine, or bromine if  $R^{11}$  represents methyl, trifluoromethyl, methoxymethyl, or trifluoromethoxymethyl and  $R^1$  represents  $(C_1$ - $C_6$ -alkyl)carbonyl,  $(C_1$ - $C_6$ -alkoxy)-carbonyl, or  $(C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl)carbonyl, or  $(C_1$ - $C_6$ -

haloalkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub>-haloalkoxy)carbonyl, or (halo-C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

or

- (9) a radical of formula (A11)



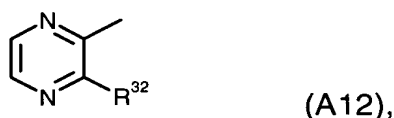
in which

R<sup>30</sup> represents hydrogen, fluorine, chlorine, bromine, amino, C<sub>1</sub>-C<sub>4</sub>-alkylamino, di-(C<sub>1</sub>-C<sub>4</sub>-alkyl)amino, cyano, methyl, ethyl, or C<sub>1</sub>-C<sub>2</sub>-haloalkyl having 1 to 5 fluorine, chlorine and/or bromine atoms, and

R<sup>31</sup> represents fluorine, chlorine, bromine, methyl, ethyl, or C<sub>1</sub>-C<sub>2</sub>-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

- (10) a radical of formula (A12)

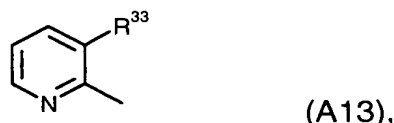


in which R<sup>32</sup> represents hydrogen, fluorine, chlorine, bromine, methyl, ethyl, or C<sub>1</sub>-C<sub>2</sub>-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

with the proviso that R<sup>32</sup> does not represent chlorine if R<sup>1</sup> and R<sup>2</sup> simultaneously represent hydrogen,

or

- (11) a radical of formula (A13)



in which R<sup>33</sup> represents fluorine, chlorine, bromine, iodine, hydroxyl, C<sub>1</sub>-C<sub>4</sub>-alkyl, methoxy, ethoxy, methylthio, ethylthio, difluoromethylthio, or trifluoromethylthio; or represents C<sub>1</sub>-C<sub>2</sub>-haloalkyl or C<sub>1</sub>-C<sub>2</sub>-haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms.

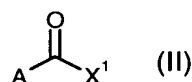
Claim 13 (new): A 1,3-dimethylbutylcarboxanilide of formula (I) according to Claim 11 in which R<sup>1</sup> represents formyl.

Claim 14 (new): A 1,3-dimethylbutylcarboxanilide of formula (I) according to Claim 11 in which R<sup>1</sup> represents -C(=O)C(=O)R<sup>3</sup>, where R<sup>3</sup> is as defined in Claim 11.

Claim 15 (new): A 1,3-dimethylbutylcarboxanilide of formula (I) according to Claim 11 in which A represents A1.

Claim 16 (new): A process for preparing compounds of formula (I) according to Claim 11 comprising

(a) reacting a carboxylic acid derivative of formula (II)

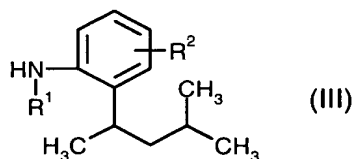


in which

A is as defined for formula (I) in Claim 11, and

X<sup>1</sup> represents halogen or hydroxyl,

with an aniline derivative of formula (III)

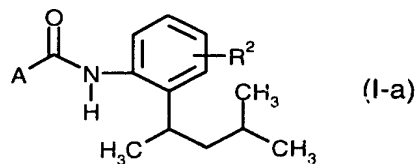


in which R<sup>1</sup> and R<sup>2</sup> are as defined for formula (I) in Claim 11,

optionally in the presence of a catalyst, optionally in the presence of a condensing agent, optionally in the presence of an acid binder, and optionally in the presence of a diluent,

or

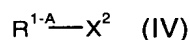
(b) reacting a hexylcarboxanilide of formula (I-a)



in which A and R<sup>2</sup> are as defined for formula (I) in Claim 11,



with a halide of formula (IV)



in which

$X^2$  represents chlorine, bromine, or iodine, and

$R^1$  represents  $C_1$ - $C_8$ -alkyl,  $C_1$ - $C_6$ -alkylsulphinyl,  $C_1$ - $C_6$ -alkylsulphonyl,  $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl, or  $C_3$ - $C_8$ -cycloalkyl; represents  $C_1$ - $C_6$ -haloalkyl,  $C_1$ - $C_4$ -haloalkylthio,  $C_1$ - $C_4$ -haloalkylsulphinyl,  $C_1$ - $C_4$ -haloalkylsulphonyl, halo- $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl, or  $C_3$ - $C_8$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl- $C_1$ - $C_3$ -alkyl, ( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl, or ( $C_1$ - $C_3$ -alkoxy)carbonyl- $C_1$ - $C_3$ -alkyl; represents halo-( $C_1$ - $C_3$ -alkyl)carbonyl- $C_1$ - $C_3$ -alkyl or halo-( $C_1$ - $C_3$ -alkoxy)carbonyl- $C_1$ - $C_3$ -alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents ( $C_1$ - $C_8$ -alkyl)carbonyl, ( $C_1$ - $C_8$ -alkoxy)carbonyl, ( $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl)carbonyl, or ( $C_3$ - $C_8$ -cycloalkyl)carbonyl; represents ( $C_1$ - $C_6$ -haloalkyl)carbonyl, ( $C_1$ - $C_6$ -haloalkoxy)carbonyl, (halo- $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl)carbonyl, or ( $C_3$ - $C_8$ -halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents  $-C(=O)C(=O)R^3$ ,  $CONR^4R^5$ , or  $-CH_2NR^6R^7$ , where  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$  and  $R^7$  are as defined for formula (I) in Claim 11,

in the presence of a base and in the presence of a diluent.

Claim 17 (new): A composition for controlling unwanted microorganisms comprising one or more 1,3-dimethylbutylcarboxanilides of formula (I) according to Claim 11 and one or more extenders and/or surfactants.

Claim 18 (new): A method for controlling unwanted microorganisms comprising applying an effective amount of a 1,3-dimethylbutylcarboxanilide of formula (I) according to Claim 11 to the microorganisms and/or their habitat.



Claim 19 (new): A process for preparing compositions for controlling unwanted microorganisms comprising mixing one or more 1,3-dimethylbutylcarboxanilides of formula (I) according to Claim 11 with one or more extenders and/or surfactants. --